

# **Project Update**

## **City and County of San Francisco Open Source Voting System**



Prepared by: Department of Technology  
December 2018

# Approach and Methodology

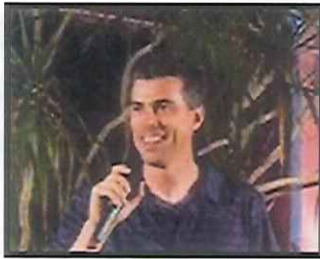
|              | Project Initiation                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Phase A:<br>Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Phase B:<br>Design                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Objectives   | <ul style="list-style-type: none"> <li>Initiate the project based with a clear, consensus understanding of the scope, approach, schedule and application of effective project control</li> </ul>                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Review available background information and conduct discovery interviews with the stakeholders (Elections Department, Elections Commission, TAC, industry leaders, and City leadership)</li> </ul>                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Analysis of OSV Environment (technology, data, processes, applications) and System Architecture (existing and future)</li> </ul>                                                                                                                                                                                                                                                             |
| Activities   | <ul style="list-style-type: none"> <li>Hire a Project Team <b>DONE</b></li> <li>Hire Community Workshop Facilitator <b>DONE</b></li> <li>Confirm stakeholder participation (agency level and governance and decision-making model) <b>DONE</b></li> <li>Review background docs and studies <b>IN PROGRESS</b></li> <li>Review current state of OS election projects <b>IN PROGRESS</b></li> <li>Build and establish Independent Validation and Verification (IVV) resource</li> </ul> | <ul style="list-style-type: none"> <li>Discuss and outline State Certification process with Sec of State</li> <li>Conduct operational observations of Elections</li> <li>Assess development options and approaches</li> <li>Define system requirements and establish key strategic priorities</li> <li>Document future state objectives and guiding principles to serve as an input to the strategic planning and technical standards</li> <li>Develop a communications plan</li> </ul> | <ul style="list-style-type: none"> <li>Conduct Strategic Visioning workshops with the leadership team, key stakeholders and industry experts</li> <li>Determine License conditions and assignment</li> <li>Assemble possible business strategies and analyze the cost, City risk and schedule</li> <li>Evaluate cybersecurity options, approaches, risks and infrastructure designs</li> <li>Investigate OS partnerships</li> </ul> |
| Deliverables | <ul style="list-style-type: none"> <li><u>Project Initiation Document (PID)</u></li> <li><u>Briefing document for current OS elections</u></li> <li><u>OSV Project Charter and Governance Model</u></li> <li><u>Status Report (Monthly)</u></li> </ul>                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li><u>Project Meetings, defined project schedule and development strategies and requirements</u></li> <li><u>Current State Assessment</u></li> </ul>                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li><u>Identification and documentation of project goals, objectives, priorities, gap and barriers, high level milestones/designs for implementation and plan/approach for technical and security platform</u> <ul style="list-style-type: none"> <li><u>Strategic System Vision</u></li> </ul> </li> </ul>                                                                                      |

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Open Source  
Voting System  
Project

## Open Source Voting Project Team

Sean Roberts:



- SF Bay technology leader
- Computer Engineering BS for San Jose State
- Experience: Lincoln Network, Yahoo, EDS, ADP and Electronic Arts.
- Founding member of the OpenStack Foundation, open source for cloud platforms.
- Director, Open Data Initiative
- Open Source Initiative, Public Policy Working Group Chair, Open Source Initiative
- OSV Role: Technical project lead focused on assessment, requirements, security and hardware.

Michael Kelly:



- Consultant for 31 years on complex and business/IT initiatives
- Computer Science BS from Berkley
- Experience: Ernst & Young, Kawaru Research. Completed engagements for GE, Siemens, Hewlett-Packard, Samsung Electronics, and PGE and start ups in technology sectors.
- Strong in project management for complex projects requiring business and IT collaboration, including ERP implementations, web sites and custom development.
- Projects include: LA County Registrar of Voters, LA City Elections Division
- OSV Role: Focus on project planning, scheduling and communications, community engagement, and roadmap development.

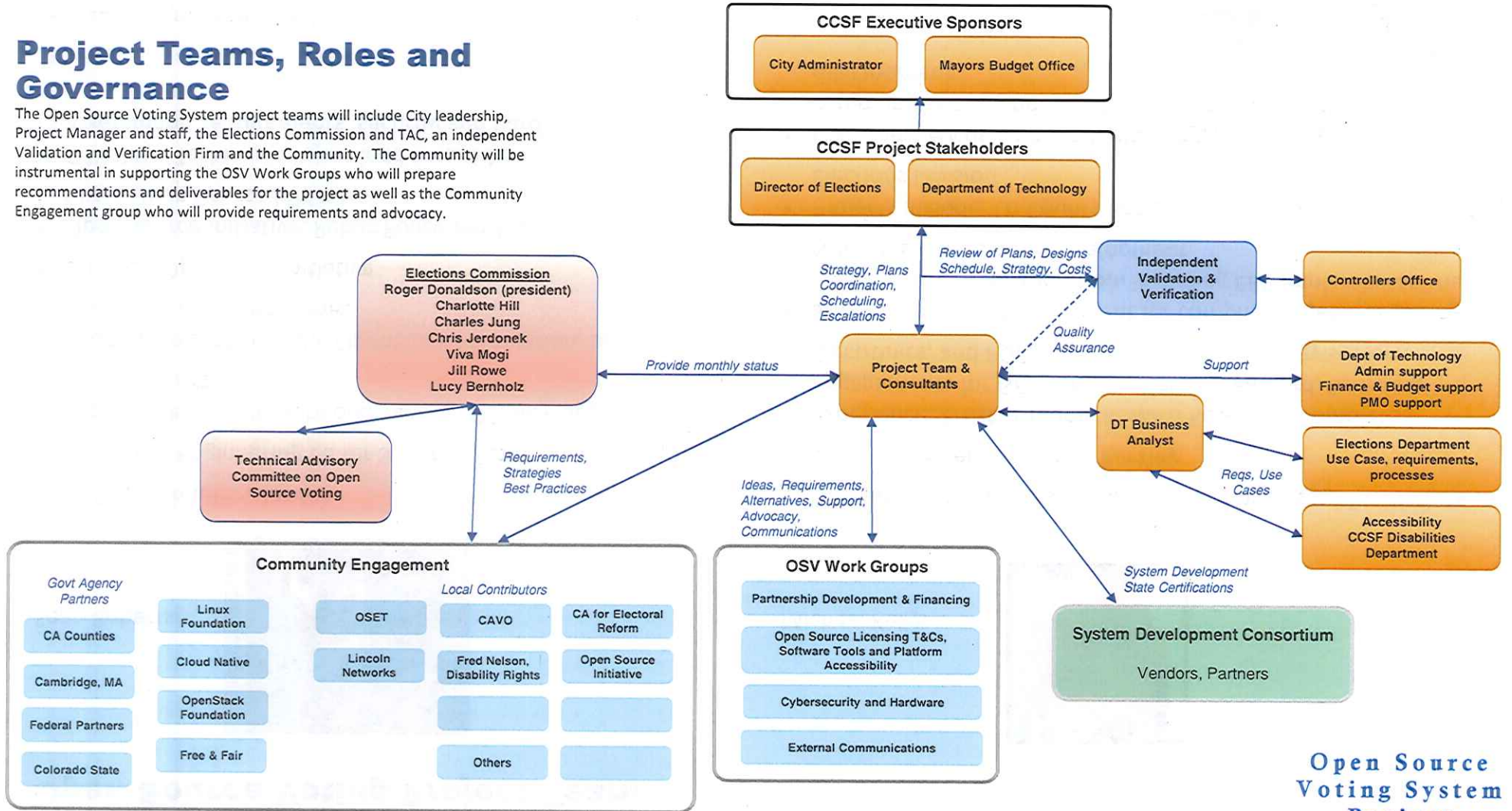
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# Project Teams, Roles and Governance

The Open Source Voting System project teams will include City leadership, Project Manager and staff, the Elections Commission and TAC, an independent Validation and Verification Firm and the Community. The Community will be instrumental in supporting the OSV Work Groups who will prepare recommendations and deliverables for the project as well as the Community Engagement group who will provide requirements and advocacy.



Open Source Voting System Project

# Contacts

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